



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### KANSAS, Extreme Southeast

KSZ073-097-101

Bourbon - Crawford - Cherokee

02	0200CST 1400CST	0	0	0	Winter Storm
----	--------------------	---	---	---	--------------

A late winter storm brought a variety of winter weather across southeast Kansas during the morning hours of March 2nd. Strong low pressure developed over Arkansas the evening of March 1st, which moved copious amounts of moisture northward across the region. An arctic air mass moved through the area that early morning, dropping temperatures 20 to 30 degrees in six hours.

Before the snow started, a shallow layer of warm air aloft provided an hour or two of freezing rain, mixed with heavy sleet at times. Between one tenth and one quarter of an inch of ice accumulated on roadways before the heavy snow began. Between four and six inches of snow fell across southeast Kansas, with the heaviest around Columbus. Whiteout conditions were common over southeast Kansas during the morning as northerly winds up to 40 mph caused considerable blowing and drifting snow. Numerous car accidents were reported but no serious injuries.

Crawford County  
Pittsburg

09	0001CST	0	0	65K	Thunderstorm Wind (G65)
----	---------	---	---	-----	-------------------------

A squall line formed over southeast Kansas and swept across Crawford County early Saturday morning. It produced significant damage to the Pittsburg State University physical education building. Only minor damage occurred across the rest of the county, which was confined to broken windows and downed power poles.

### MISSOURI, Southwest

MOZ055>058-066>071-  
077>081-088>091-  
093>094-101>103

Benton - Morgan - Miller - Maries - Vernon - St. Clair - Hickory - Camden - Pulaski - Phelps - Barton - Cedar - Polk -  
Dallas - Laclede - Jasper - Dade - Greene - Webster - Newton - Lawrence - McDonald - Barry - Stone

02	0200CST 1400CST	0	0	0	Winter Storm
----	--------------------	---	---	---	--------------

A late winter storm brought a variety of winter weather across southeast Kansas and portions of southwest, west central and central Missouri, during the morning and afternoon hours of March 2nd.

Strong low pressure developed over Arkansas the evening of March 1st, which moved copious amounts of moisture northward across the region. An arctic air mass moved through the area that early morning, dropping temperatures 20 to 30 degrees in six hours.

Before the snow started, a shallow layer of warm air aloft provided an hour or two of freezing rain, mixed with heavy sleet at times. Between one tenth and one quarter of an inch of ice accumulated on roadways before the heavy snow began. Between four to nine inches of snow fell northwest of a line from Stone County, northeast across Greene, Webster, Laclede, Pulaski and Phelps counties in less than eight hours. The heaviest snow fell in a band 30 miles wide from near Columbus, Kansas, eastward across Joplin, Greenfield, Bolivar and Buffalo.

Whiteout conditions were common over southwest and west central Missouri during the morning as northerly winds up to 40 mph caused considerable blowing and drifting snow. Numerous car accidents and indirectly related weather injuries were reported during the storm.

Barton County  
4 N Lamar

09	0041CST	0	0	10K	Thunderstorm Wind (G65)
----	---------	---	---	-----	-------------------------



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	
<b><u>MISSOURI, Southwest</u></b>								
Jasper County								
Carl Jct	09	0050CST			0	0	0	Thunderstorm Wind (G58)
Benton County								
7 W Edwards	09	0110CST			0	0	0	Thunderstorm Wind (G58)
Newton County								
Neosho	09	0110CST			0	0	0	Thunderstorm Wind (G60)
Hickory County								
1.5 S Quincy	09	0115CST			0	0	2K	Thunderstorm Wind (G58)
McDonald County								
Anderson	09	0135CST			0	0	25K	Thunderstorm Wind (G58)
Polk County								
5 N Pleasant Hope	09	0205CST			0	0	0	Thunderstorm Wind (G60)
Dallas County								
Long Lane	09	0215CST			0	0	0	Thunderstorm Wind (G58)
Greene County								
5 S Fair Grove	09	0215CST			0	0	0	Thunderstorm Wind (G65)
Lawrence County								
Aurora	09	0215CST			0	0	0	Thunderstorm Wind (G58)
Camden County								
Osage Beach	09	0218CST			0	0	5K	Thunderstorm Wind (G65)
A squall line formed over eastern Kansas prior to midnight and swept through western and central Missouri early morning March 9th. Although no major damage was reported, minor damage was reported to homes, outbuildings and power poles.								
Howell County								
Pottersville	09	0430CST			0	0	10K	Thunderstorm Wind (G60)
A mobile homes roof was blown off near Pottersville.								
Shannon County								
Eminence	09	0440CST			0	0	0	Thunderstorm Wind (G60)
Numerous large trees were blown down.								
Phelps County								
Rolla	15	1200CST 1205CST			0	0	0	Hail(0.75)
Dade County								
Everton	15	1205CST 1210CST			0	0	0	Hail(0.75)
Greene County								
Fair Grove	15	1344CST			0	0	0	Hail(0.75)
Stone County								
Kimberling City	15	1410CST			0	0	0	Hail(0.75)
Laclede County								
Phillipsburg	15	1418CST			0	0	0	Hail(0.75)
Taney County								
3 N Walnut Shade	15	1430CST			0	0	0	Hail(0.75)
Taney County								
4 NE Protem	15	1430CST			0	0	0	Hail(0.75)
Pulaski County								
Buckhorn	15	1446CST			0	0	0	Hail(0.75)



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

### MISSOURI, Southwest

#### Howell County

Caulfield	15	1618CST 1620CST			0	0	0		Hail(0.75)
-----------	----	--------------------	--	--	---	---	---	--	------------

MOZ082-092-096>098-  
105>106

Texas - Wright - Douglas - Howell - Shannon - Ozark - Oregon

19	1030CST				0	0	60K		Flood
20	1500CST								

A heavy rainfall event developed the morning of March 19th, and continued through the overnight hours of March 20th. Bands of rainfall produced between two and four inches over portions of south central Missouri during an 18 to 24 hour period. The ground was already wet due to recent heavy rainfall, and with the addition of another two to four inches, widespread flooding developed.

Numerous low water crossings were impassable, and major roadways were closed due to the high water. Even though the rainfall ended before sunrise on Wednesday, runoff continued which led to the roadways remaining closed through the afternoon of March 20th. The worst areas were in Howell, Oregon, Douglas, and Shannon counties where some bridges were water covered during the height of the event. Some corrugated pipes were washed out and some basement flooding was reported.

In addition to the low water crossings, bridges, and county roads flooded, river flooding developed which included the Big Piney River rising above flood stage Tuesday evening.

#### Benton County

2 W Mora	29	0719CST			0	0	0		Hail(0.75)
----------	----	---------	--	--	---	---	---	--	------------

#### Morgan County

5 N Stover	29	0735CST			0	0	0		Hail(1.00)
------------	----	---------	--	--	---	---	---	--	------------

#### Miller County

3 N Eldon	29	0755CST			0	0	0		Hail(1.75)
-----------	----	---------	--	--	---	---	---	--	------------